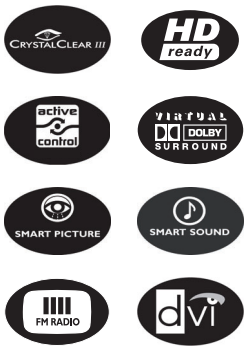
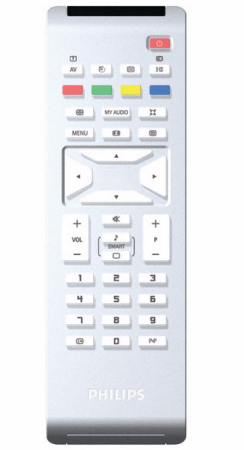
Philips
widescreen flat TV with
Crystal Clear III

23"
LCD HD ready

23PF5321





Turn up your viewing experience

with Crystal Clear III

Here is a wonderful new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Crystal Clear III for natural, vivid images and Virtual Dolby Surround for superb audio.

Vivid, natural and razor sharp images

- High definition LCD WXGA display, resolution 1366 x 768p
- HD ready for the highest quality display of HDTV signals
- Crystal Clear III gives natural images with enhanced quality
- Active Control optimises picture quality whatever the source

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Designed for your convenience

- Built-in FM radio to enjoy your favourite radio stations.
- PC input lets you also use your TV as a PC monitor

For advanced performance

- DVI-I provides the best picture and flexible connectivity

FIFA WORLD CUP GERMANY 2006 OFFICIAL PARTNER

PHILIPS

widescreen flat TV with Crystal Clear III
23" LCD HD ready

23PF5321/01

Technical specifications

Picture / Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Contrast ratio (typical): 450:1
- Diagonal screen size: 23 inch / 58 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Crystal Clear III, Progressive scan, 2D combfilter, Active Control, Sharpness adjustment, Colour Temperature Adjustment, Contrast plus
- Screen enhancement: Anti reflection coated screen
- Viewing Angle (H / V): 140 / 125 degree
- Response time (typical): 16 ms
- Panel resolution: 1366 x 768p

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
832 x 624	75Hz
1024 x 768	60, 70, 75Hz
1280 x 768	60Hz

- Video formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Sound enhancement: Dynamic bass enhancement
- Sound system: Nicam stereo, Virtual dolby surround, Mono
- Output power (RMS): 2 x 5W
- Equaliser: 5-bands

Convenience
- Ease of installation: Auto programme naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Auto store, Fine tuning, PLL digital tuning, Program name, Sorting
- Ease of Use: Auto volume leveller (AVL), FM radio, Menu control, On screen display, Program list, Smart picture control, Smart sound control
- Remote control type: RCFE05SMU00
- Teletext: 10 page Smart Text
- Picture in Picture: Twin page text
- Remote control: TV
- Screen format adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Clock: Sleep timer
- VESA Mount: 100 x 100 mm
- Teletext enhancements: 4 favourite pages, Program information line

Tuner / Reception / Transmission
- Tuner bands: FM, Hyper band, S channel, UHF, VHF
- TV system: PAL, PAL B/G, PAL D/K, PAL I, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video playback: NTSC, PAL, SECAM
- Aerial input: 75 ohm coaxial (IEC75)
- Tuner display: PLL
- Number of preset channels: 100

Connectivity
- Number of scarts: 1
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Antenna IEC75, DVI-I, FM antenna, PC audio in
- Front / Side connections: Audio in, CVBS in, Headphone out, S-Video in

Power
- Power consumption: 75 W
- Standby power consumption: 1.2W
- Ambient temperature: +5°C/+45°C
- Power supply: AC 90-240

Dimensions
- Dimensions (with base) (W x H x D): 615 x 477 x 248 mm
- Set dimensions (W x H x D): 615 x 431 x 99 mm
- Set weight: 8.8 kg
- Box dimensions (W x H x D): 793 x 485 x 218 mm
- Product weight: 8.8 kg
- Weight incl. packaging: 12 kg
- Colour cabinet: Silver Frost / High Gloss Black

Accessories
- Included accessories: Power cord, Quick start guide, Registration card, Remote control, Table top stand, User manual
- FM antenna: FM antenna
- Cables: DVI-I to YPbPr cable

stereo system					transmission system					
2CS	NICAM	2CS	NICAM	NICAM	PAL	PAL	PAL	SECAM	SECAM	SECAM
DK	DK	BG	I	LL'	BG	DK	I	BG	DK	LL'
o	o	o	o	o	o	o	o	o	o	o

Date of issue 2006-03-25

Version: 3.0

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23" LCD HD ready

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Product highlights

LCD WXGA display, 1366 x 768p
This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready
Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Crystal Clear III
Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colours.

Active Control
Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimised.

Virtual dolby surround
Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity for additional rear speakers. You become totally immersed in your television experience.

FM radio (TV)
An FM radio capable of storing 40 preset stations is built in. On-screen station naming makes navigation simple, and a handy Clock Screensaver is also included for use while listening.

PC input
With PC input you can connect your TV to a computer and use the TV as a PC monitor.

DVI-I input
A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noisefree image, that is clear and flickerfree. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Settop boxes, DVD players and HD recorders. DVI-I is future proof as it can be be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.